ET420197489US

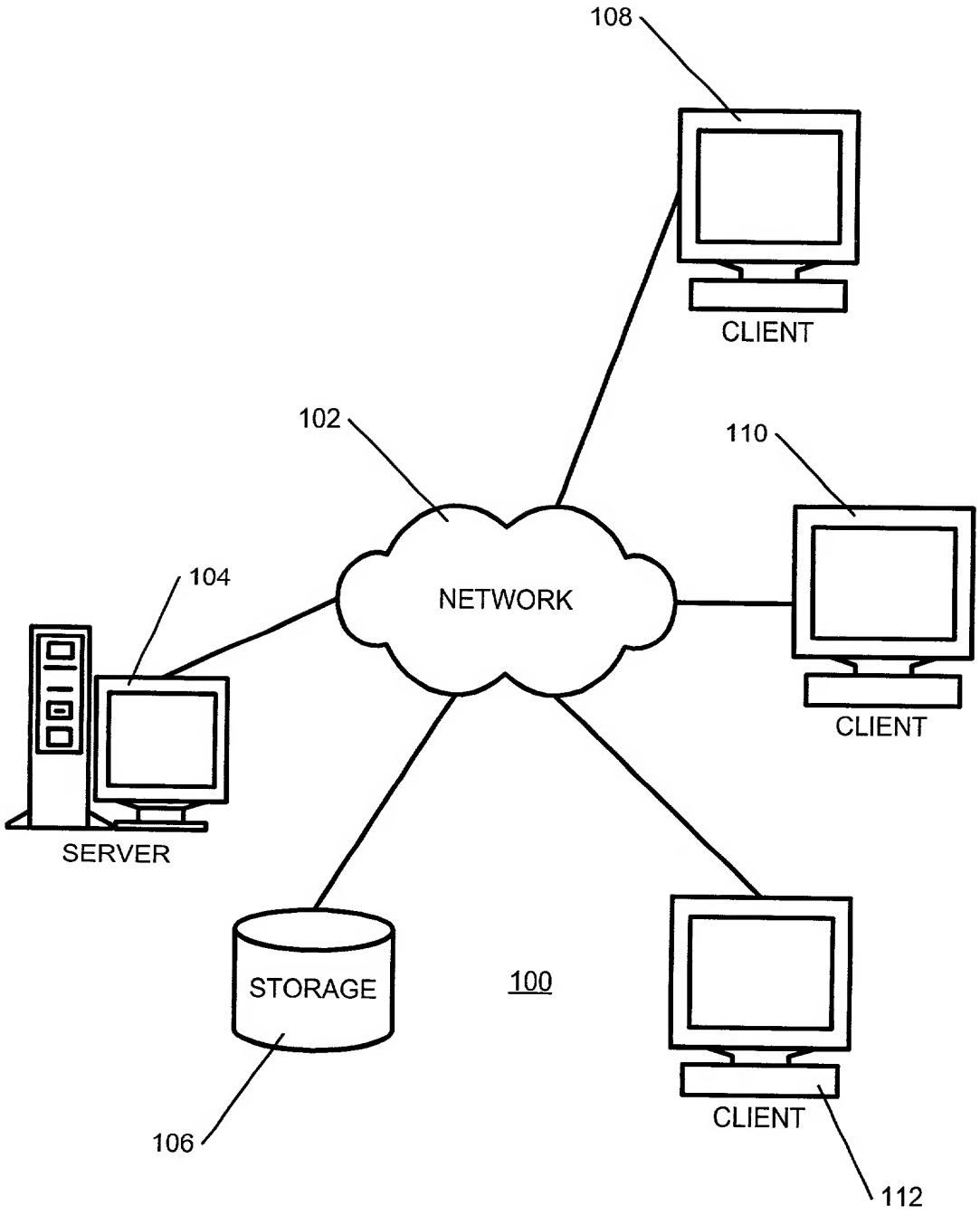

FIG. 1

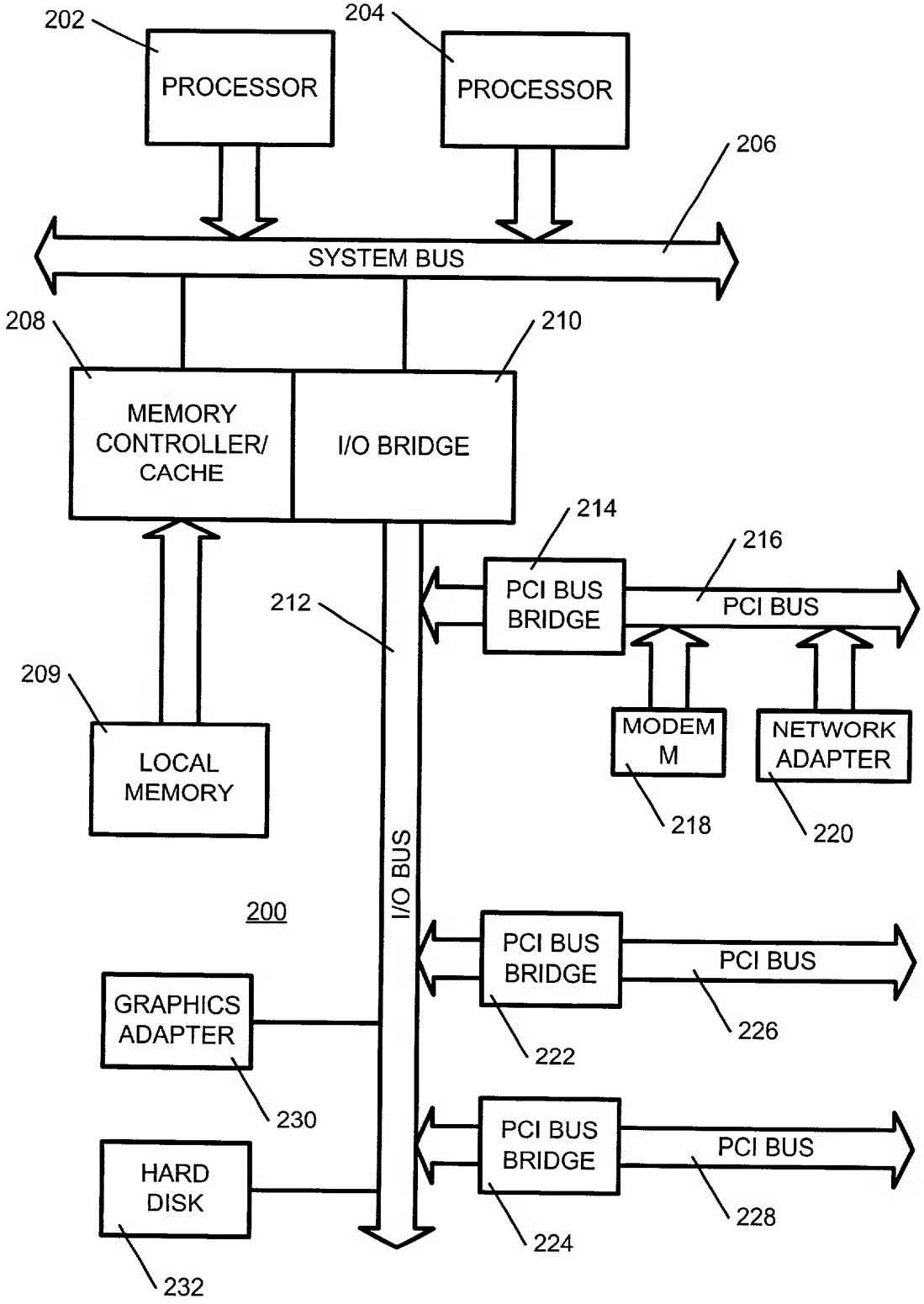
202
PROCESSOR
204
PROCESSOR
206
SYSTEM BUS
208
MEMORY CONTROLLER/ CACHE
210
I/O BRIDGE
214
PCI BUS BRIDGE
216
PCI BUS
212
209
LOCAL MEMORY
MODEM M
NETWORK ADAPTER
218
220
I/O BUS
200
PCI BUS BRIDGE
PCI BUS
GRAPHICS ADAPTER
222
226
230
PCI BUS BRIDGE
PCI BUS
HARD DISK
224
228
232

FIG. 2

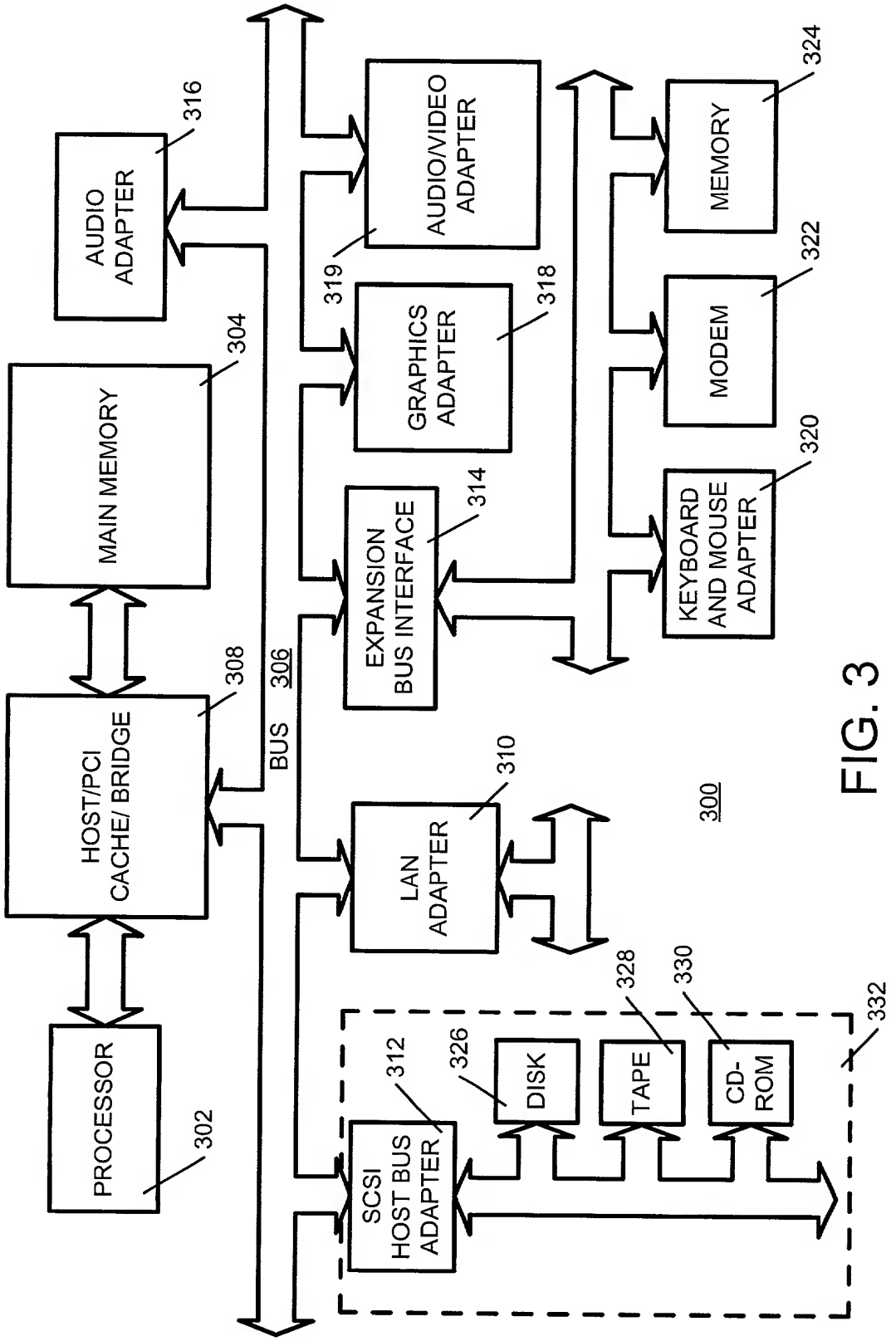
PROCESSOR
302
HOST/PCI CACHE/ BRIDGE
308
MAIN MEMORY
304
AUDIO ADAPTER
316
BUS
306
AUDIO/VIDEO ADAPTER
319
GRAPHICS ADAPTER
318
EXPANSION BUS INTERFACE
314
LAN ADAPTER
310
SCSI HOST BUS ADAPTER
312
DISK
326
TAPE
328
CD-ROM
330
332
KEYBOARD AND MOUSE ADAPTER
320
MODEM
322
MEMORY
324
300

FIG. 3

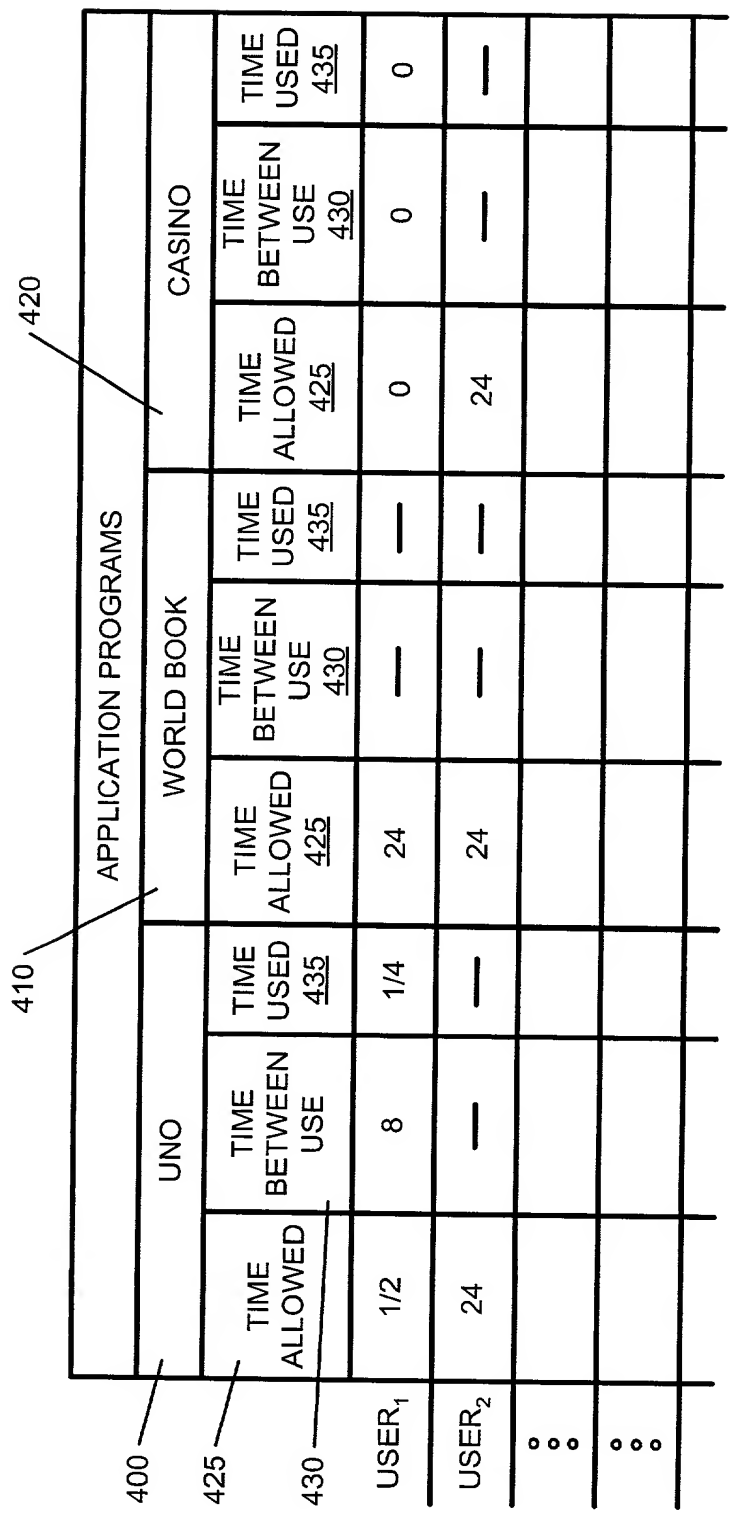
400
410
420
425
430
APPLICATION PROGRAMS
UNO
WORLD BOOK
CASINO
TIME ALLOWED
TIME BETWEEN USE
TIME USED 435
TIME ALLOWED 425
TIME BETWEEN USE 430
TIME USED 435
TIME ALLOWED 425
TIME BETWEEN USE 430
TIME USED 435
USER1
USER2
1/2
8
1/4
24
—
—
0
0
24
—
—
—

FIG. 4

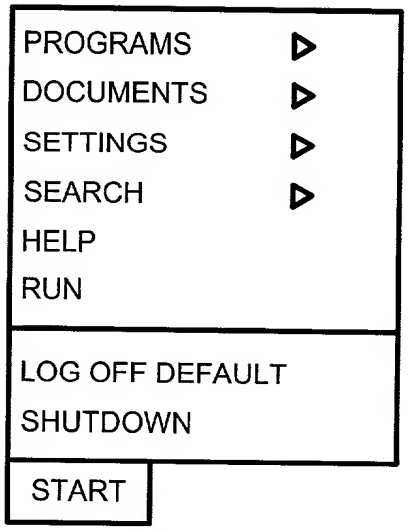
PROGRAMS
DOCUMENTS
SETTINGS
SEARCH
HELP
RUN
LOG OFF DEFAULT
SHUTDOWN
START

FIG. 5

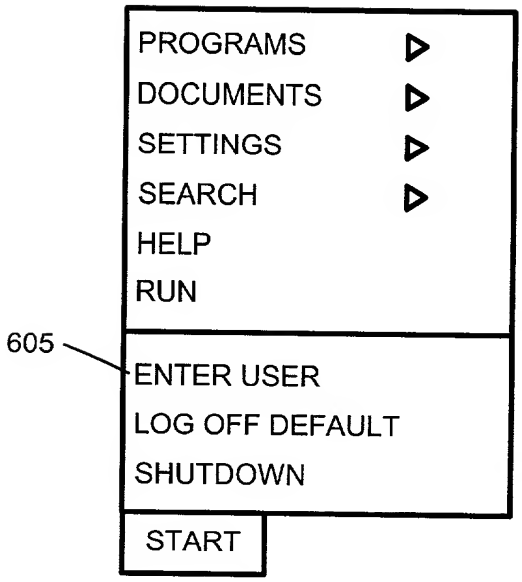
PROGRAMS
DOCUMENTS
SETTINGS
SEARCH
HELP
RUN
605
ENTER USER
LOG OFF DEFAULT
SHUTDOWN
START

FIG. 6

705
710
ENTER NEW USER
DISPLAY TABLE

FIG. 7

	APPLICATION PROGRAMS								
	UNO			WORLD BOOK			CASINO		
	TIME ALLOWED	TIME BETWEEN USE	TIME USED	TIME ALLOWED	TIME BETWEEN USE	TIME USED	TIME ALLOWED	TIME BETWEEN USE	TIME USED
$USER_1$	1/2	8	1/4	24	—	—	0	0	0
$USER_2$	24	—	—	24	—	—	24	—	—
NEW USER									
⋮									

FIG. 8

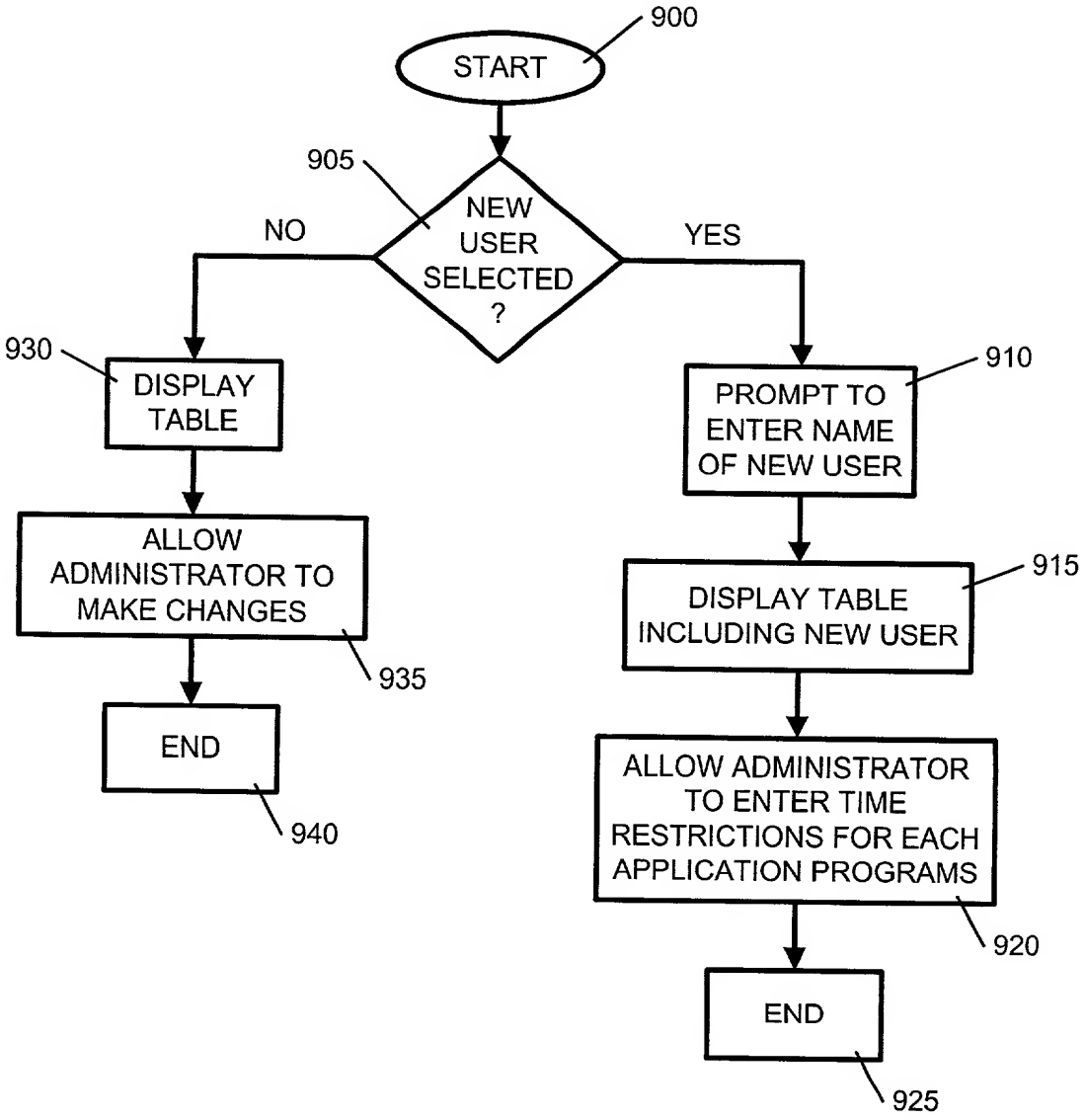
900
START
905
NEW USER SELECTED ?
NO
YES
930
DISPLAY TABLE
ALLOW ADMINISTRATOR TO MAKE CHANGES
935
END
940
910
PROMPT TO ENTER NAME OF NEW USER
915
DISPLAY TABLE INCLUDING NEW USER
ALLOW ADMINISTRATOR TO ENTER TIME RESTRICTIONS FOR EACH APPLICATION PROGRAMS
920
END
925

FIG. 9

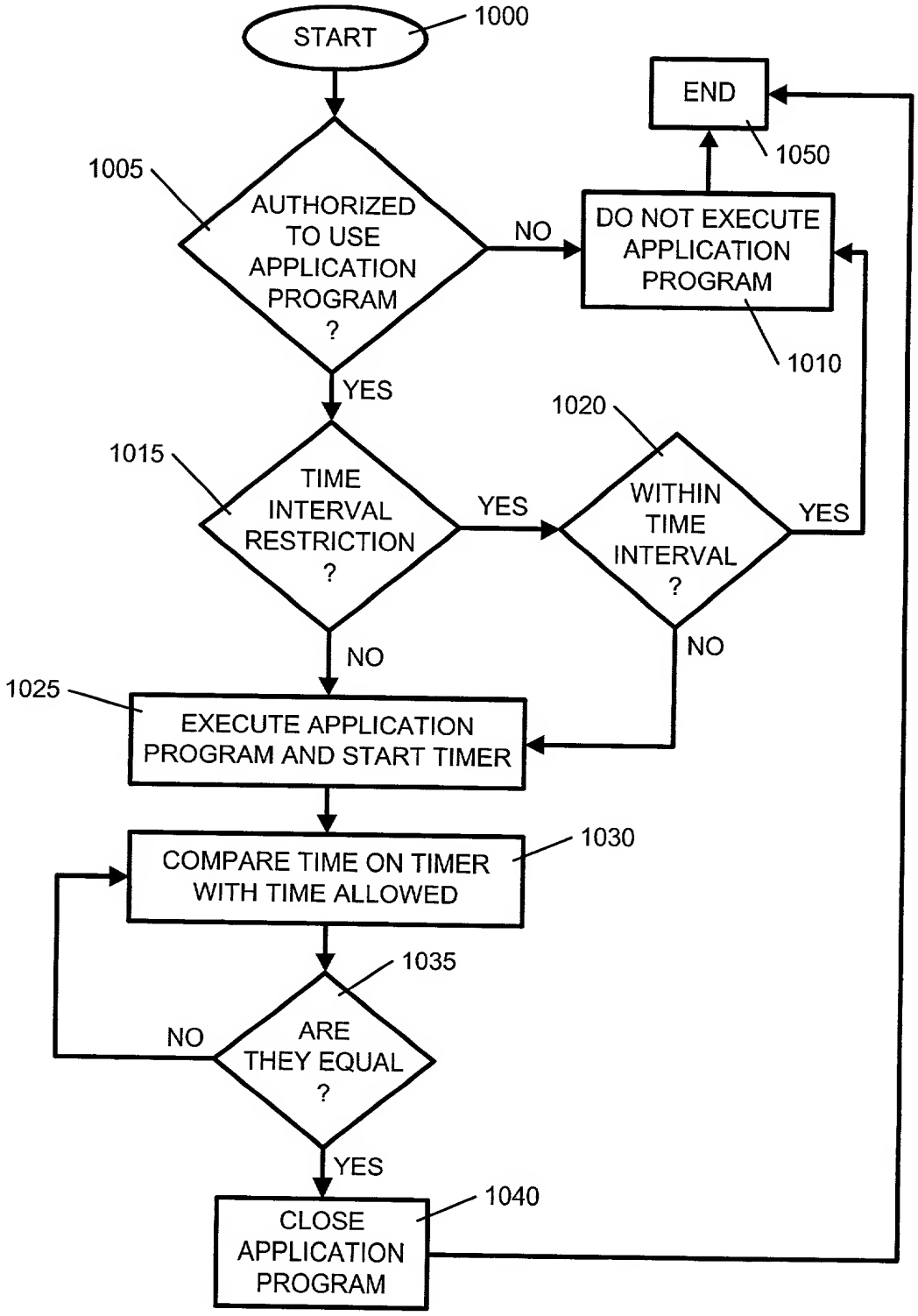
START
1000
END
1050
1005
AUTHORIZED TO USE APPLICATION PROGRAM ?
NO
DO NOT EXECUTE APPLICATION PROGRAM
1010
YES
1020
1015
TIME INTERVAL RESTRICTION ?
YES
WITHIN TIME INTERVAL ?
YES
NO
NO
1025
EXECUTE APPLICATION PROGRAM AND START TIMER
1030
COMPARE TIME ON TIMER WITH TIME ALLOWED
1035
NO
ARE THEY EQUAL ?
YES
1040
CLOSE APPLICATION PROGRAM

FIG. 10